

PRELIMINARY ASSESSMENT DECISION - EPA REGION VIII

Site Name:

Metrum

EPA ID#:

CO0042638239

Alias Site Names:

City:

Littleton

County

or Parish:

Cremona

State:

CO

Refer to Report Dated:

approved 8/6/96

Report developed by:

URS

The purpose of this sheet is to document the decision made at the conclusion of a Comprehensive Environmental Response Compensation and Liability Act (CERCLA) Preliminary Assessment (PA) with respect to future actions to be taken at the site. The PA is designed to distinguish between sites that pose little or no threat to human health and the environment and sites that require further investigation. As a result of the PA, if it is determined that a site has the potential to achieve a Hazard Ranking Score (HRS) equal to or greater than 28.5 then the site will be assigned a "higher" or "lower" priority for a Site Inspection. If the site is determined to achieve a HRS score less than 28.5 then the site will be given the disposition of "No Further Remedial Action Planned" (NFRAP). Because of the inherent difficulties in evaluating a site under the HRS on the amount of information provided in a PA, the following qualitative factors will be used as a measure for assessment.

(CHECK ALL THAT APPLY)

WASTE TYPE	NATURE OF RELEASE
<input checked="" type="checkbox"/> KNOWN LISTED HAZARDOUS SUBSTANCE	<input checked="" type="checkbox"/> OBSERVED OR DOCUMENTED <u>BW</u>
<input type="checkbox"/> SUSPECTED HAZARDOUS SUBSTANCE	<input type="checkbox"/> SUSPECTED
<input type="checkbox"/> CERCLA - EXEMPT WASTE	<input type="checkbox"/> UNKNOWN
<input type="checkbox"/> UNKNOWN	<input type="checkbox"/> NONE/FULLY CONTAINED
<input type="checkbox"/> NONE/NO LONGER ON SITE	

TARGETS/RECEPTORS	
<input type="checkbox"/> KNOWN	<input type="checkbox"/> POTENTIAL
HUMAN	HUMAN
<input type="checkbox"/> INHALATION	<input type="checkbox"/> INHALATION
<input type="checkbox"/> DRINKING WATER	<input checked="" type="checkbox"/> DRINKING WATER
<input type="checkbox"/> FOOD CHAIN/FISHERIES	<input checked="" type="checkbox"/> FOOD CHAIN/FISHERIES
<input type="checkbox"/> ON-SITE (circle Workers and/or Residents)	<input type="checkbox"/> ON-SITE (circle Workers and/or Residents)
<input type="checkbox"/> NONE	<input type="checkbox"/> UNKNOWN
ENVIRONMENTAL	ENVIRONMENTAL
<input type="checkbox"/> SENSITIVE ENVIRONMENT	<input checked="" type="checkbox"/> SENSITIVE ENVIRONMENT
<input type="checkbox"/> SENSITIVE HABITAT	<input type="checkbox"/> SENSITIVE HABITAT
<input type="checkbox"/> TERRESTRIAL SENSITIVE	<input type="checkbox"/> TERRESTRIAL SENSITIVE
<input type="checkbox"/> NONE	<input type="checkbox"/> UNKNOWN

HIGHER PRIORITY QUALIFIER		LOWER PRIORITY QUALIFIER
HRS CANDIDATE	<ul style="list-style-type: none"> -Level I or II likely -Large waste quantity where targets exist -Large potential targets where there is poor containment and/or high likelihood to release 	<ul style="list-style-type: none"> -Potential targets where waste is present -Waste characteristics are moderate to weak but where targets are present -Weak containment/moderate likelihood to release where targets are present
NO FURTHER REMEDIAL ACTION PLANNED (NFRAP)		
NOT A HRS CANDIDATE	<ul style="list-style-type: none"> -No waste present or -Full containment or -Full removal or -No targets within HRS proximity 	

DECISION:

☒ NO FURTHER REMEDIAL ACTION PLANNED (NFRAP) - Site does not qualify for further assessment under CERCLA

☐ DEFERRED - Site may qualify for further action, but is deferred to: ☐ RCRA subtitle C permit
☐ NRC (Federal License)

FURTHER ASSESSMENT NEEDED:

☐ HIGHER PRIORITY - Immediate Site Inspection required as soon as possible—site established as a higher threat

☐ LOWER PRIORITY - Site inspection required—site established as a lower threat

DISCUSSION/RATIONALE:

Site is a ground water plume of chlorinated hydrocarbons. There is also a contaminated soil source which includes these VOC's, zinc, and chrome (VI).

Ground water is used for 22000 people's drinking water. It is suspected that much of the domestic use has been replaced by mini wells. No concerns are identified from testing under the Safe Drinking Water Act.

Surface water drains to the NW via Big Dry Cr. to the S. Platte, or via storm sewer to Englewood Drain. Targets along Big Dry Cr. and the S. Platte include drinking water, wetlands, & a fishery beyond 6 miles away.

Report Reviewed
and Approved by:

Signature:

Date:

Site Decision
Made by:

Signature:

Date:

Relatively contained with respect to soil exposure.